

ALIGNMENT #4

Qy	368 HisGlnLysGlyLysAspGluGlyValValTyrSerValValHisArgThrSerLysArg 387
Db	1081 CACCAGAAAGGGAAAGATGAAGGTGTTCTACTCTGTGGTCATAGAACCTCAAAGAGG 1140
Qy	388 SerGluAlaArgSerAlaGluPheThrValGlyArgLysAspSerSerIleIleCysAla 407
Db	1141 AGTGAAGCCAGGTCTGCTGAGTCACCGTGGGAGAAAGGACAGTTCTATCATCTGTGCG 1200
Qy	408 GluValArgCysLeuGlnProSerGluValSerSerThrGluValAsnMetArgSerArg 427
Db	1201 GAGGTGAGATGCCTGCAGCCAGTGAGGTTTATCCACGGAGGTGAATATGAGAAGCAGG 1260
Qy	428 ThrLeuGlnGluProLeuSerAspCysGluGluValLeuCys 441
Db	1261 ACTCTCCAAGAACCCCTTAGCGACTGTGAGGAGGTTCTCTGC 1302

RESULT 5

DJ447641

LOCUS DJ447641 1997 bp DNA linear PAT 10-JUL-2008

DEFINITION A novel immunosuppressive receptor.

ACCESSION DJ447641

VERSION DJ447641.1 GI:194091312

KEYWORDS JP 2004208583-A/2.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 1997)

AUTHORS Takahashi,T., Manabe,T., Isogai,T., Sugiyama,T., Irie,R., Wakamatsu,A., Ishii,S. and Sato,H.

TITLE A novel immunosuppressive receptor

JOURNAL Patent: JP 2004208583-A 2 29-JUL-2004; Mochida Pharmaceutical Co Ltd, Research Association for Biotechnology

COMMENT OS homo sapiens

PN JP 2004208583-A/2

PD 29-JUL-2004

PF 27-DEC-2002 JP 2002381558

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FH Key Location/Qualifiers.

FEATURES Location/Qualifiers

source 1..1997

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

ORIGIN

Alignment Scores:

Length: 1997
 Score: 2302.00 Matches: 438
 Percent Similarity: 99.3% Conservative: 1
 Best Local Similarity: 99.1% Mismatches: 0
 Query Match: 98.4% Indels: 3
 DB: 9 Gaps: 1

US-10-574-045-4 (1-441) x DJ447641 (1-1997)

Qy	1 MetLeuProSerLeuGlyProMetLeuLeuTrpThrAlaValLeuLeuPheValProCys	20
Db	87 ATGTTGCCATCTTAGGCCCATGCTGCTCTGGACGGCTGTGCTCTTGTCCCTGT	146
Qy	21 ValGlyLysThrValTrpLeuTyrLeuGlnAlaTrpProAsnProValPheGluGlyAsp	40
Db	147 GTTGGGAAACTGTCTGGCTGTACCTCCAAGCCTGGCAAACCCGTGTTGAAGGAGAT	206
Qy	41 AlaLeuThrLeuArgCysGlnGlyTrpLysAsnThrProLeuSerGlnValLysPheTyr	60
Db	207 GCCCTGACTCTGCCATGTCAGGGATGGAAGAACACCACTGTCTCAGGTGAAGTTCTAC	266
Qy	61 ArgAspGlyLysPheLeuHisPheSerLysGluAsnGlnThrLeuSerMetGlyAlaAla	80
Db	267 AGAGATGGAAAATTCCCTCATTTCTAAGGAAACCAGACTCTGTCCATGGGAGCAGCA	326
Qy	81 ThrValGlnSerArgGlyGlnTyrSerCysSerGlyGlnValMetTyrIleProGlnThr	100
Db	327 ACAGTGCAGAGCCGTGGCCAGTACAGCTGCTCTGGCAGGTGATGTATATTCCACAGACA	386
Qy	101 PheThrGlnThrSerGluThrAlaMetValGlnValGluLeuPheProProProVal	120
Db	387 TTCACACAAACTCAGAGACTGCCATGGTCAAAGAGCTGTTCCACCTCCTGTG	446
Qy	121 LeuSerAlaIleProSerProGluProArgGluGlySerLeuValThrLeuArgCysGln	140
Db	447 CTGAGTGCCATCCCTCTCCTGAGCCCCGAGAGGGTAGCCTGGTGACCTGAGATGTCAG	506
Qy	141 ThrLysLeuHisProLeuArgSerAlaLeuArgLeuLeuPheSerPheHisLysAspGly	160
Db	507 ACAAGCTGCACCCCTGAGGTAGCCTGAGGCTCTTCTCCACAAGGACGGC	566
Qy	161 HisThrLeuGlnAspArgGlyProHisProGluLeuCysIleProGlyAlaLysGluGly	180
Db	567 CACACCTGCAAGGGCCCTACCCAGAACACTGCATCCGGAGCCAAGGAGGGA	626
Qy	181 AspSerGlyLeuTyrTrpCysGluValAlaProGluGlyGlyGlnValGlnLysGlnSer	200
Db	627 GACTCTGGCTTACTGGTGTGAGGTGGCCCTGAGGGTGGCCAGGTCCAGAACAGAGC	686
Qy	201 ProGlnLeuGluValArgValGlnAlaProValSerArgProValLeuThrLeuHisHis	220
Db	687 CCCAGCTGGAGGTAGAGTCAGGCTCCTGTATCCCGTCTGTGCTCACTGCACCAAC	746

Qy	221	GlyProAlaAspProAlaValGlyAspMetValGlnLeuLeuCysGluAlaGlnArgGly	240
Db	747	GGGCCTGCTGACCTGCTGTGGGGACATGGTGCAGCTCCTGTGAGGCACAGAGGGC	806
Qy	241	SerProProIleLeuTyrSerPheTyrLeuAspGluLysIleValGlyAsnHisSerAla	260
Db	807	TCCCCCTCCGATCCTGATTCTCTACCTGATGAGAAGATTGTGGGAACCACTCAGCT	866
Qy	261	ProCysGlyGlyThrThrSerLeuLeuPheProValLysSerGluGlnAspAlaGlyAsn	280
Db	867	CCCTGTGGTGGAACCACTCCCTCCCTCCAGTGAAGTCAGAACAGGATGCTGGAAC	926
Qy	281	TyrSerCysGluAlaGluAsnSerValSerArgGluArgSerGluProLysLysLeuSer	300
Db	927	TACTCCTGCGAGGCTGAGAACAGTGTCTCCAGAGAGAGGAGTGAGCCCCAAGAACGCTGTCT	986
Qy	301	LeuLysGlySerGlnValLeuPheThrProAlaSerAsnTrpLeuValProTrpLeuPro	320
Db	987	CTGAAGGGTTCTCAAGTCTGTTCACTCCCCAGCAACTGGCTGGTCTGGCTTC	1046
Qy	321	AlaSerLeuLeuGlyLeuMetValIleAlaAlaAlaLeuLeuValTyrValArgSerTrp	340
Db	1047	GCGAGCCTGCTTGGCCTGATGGTATTGCTGCTGACTCTGGTTATGTGAGATCCTGG	1106
Qy	341	ArgLysAlaGlyProLeuProSerGlnIleProProThrAlaProGlyGluGlnCys	360
Db	1107	AGAAAAGCTGGGCCCTTCCATCCCAGATACCACCCACAGCTCCAGGTGGAGAGCAGTGC	1166
Qy	361	ProLeuTyrAlaAsnValHisHisGlnLysGlyLysAspGluGlyValValTyrSerVal	380
Db	1167	CCACTATATGCCAACGTGCATCACCAGAAAGGAAAGATGAAGGTGTTGTCTACTCTGTG	1226
Qy	381	ValHisArgThrSerLysArgSerGluAlaArgSerAlaGluPheThrVal-GlyArgLy	400
Db	1227	GTGCATAGAACCTCAAAGAGGAGTGAAGGCCAGGTCTGCTGAGTTCACCGTGGGGA-----	1281
Qy	400	sAspSerSerIleIleCysAlaGluValArgCysLeuGlnProSerGluValSerTh	420
		::::	
Db	1282	-GAAAGTTCTATCATCTGTGCGGAGGTGAGATGCCTGCAGCCAGTGAGGTTCATCCAC	1340
Qy	420	rGluValAsnMetArgSerArgThrLeuGlnGluProLeuSerAspCysGluGluValLe	440
Db	1341	GGAGGTGAATATGAGAACAGCAGGACTCTCCAAGAACCCCTAGCGACTGTGAGGAGGTTCT	1400
Qy	440	uCys 441	
Db	1401	CTGC 1404	

RESULT 6

AK131201

LOCUS

AK131201

1997 bp

mRNA

linear

PRI 09-JAN-2008